

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of managing borehole information, the method comprising:

collecting and storing information on at least one borehole [(2)],

~~characterized by~~

arranging at least one identifier [(5)], which includes machine-readable information, in connection with a borehole [(2)] under examination,

and linking the stored information and the borehole [(2)] under examination together by means of information read from the identifier [(5)].

Claim 2 (Currently Amended): A method as claimed in claim 1, comprising

~~characterized by~~

identifying the borehole [(2)] under examination by reading an identification code included in the identifier [(5)],

and linking the information relating to the borehole [(2)] by using the identification code.

Claim 3 (Currently Amended): A method as claimed in claim 1 [(2)], comprising

identifying the borehole under examination by reading an identification code included in the identifier,

linking the information relating to the borehole by using the identification code,

~~characterized by~~

storing information relating to the borehole in at least one control unit [(3)] outside the identifier [(5)],

and linking the information included in the control unit [(3)] on the identifier [(5)] together on the basis of the identification code.

Claim 4 (Currently Amended): A method as claimed in claim 1, comprising ~~any one of the preceding claims, characterized by~~

using an identifier [(5)] comprising at least one memory element for storing information,

and storing information relating to the borehole [(2)] under examination in the identifier [(5)].

Claim 5 (Currently Amended): A method as claimed in claim 1, comprising using an identifier comprising at least one memory element for storing information, storing information relating to the borehole under examination in the identifier [(4)],
~~characterized by~~

measuring the borehole [(2)] under examination by means of at least one measuring device [(7)] which includes at least one sensor [(9)],

and storing measurement information in the identifier [(5)].

Claim 6 (Currently Amended): A method as claimed in claim 1, comprising ~~any one of the preceding claims, characterized by~~

equipping a mine vehicle [(23)] with a reader [(6)],

identifying the borehole [(2)] under examination by reading information included in the identifier by means of the reader [(6)],

transmitting borehole information from a control unit [(3)] in a system to a control device [(25)] of the mine vehicle [(23)],

and using the borehole information for controlling at least one drilling unit [(18)] or charging unit [(24)] of the mine vehicle [(23)].

Claim 7 (Currently Amended): A system for managing borehole information, the system comprising: at least one control unit [(3)] wherein borehole information is stored,

~~characterized in that~~

~~the system comprises~~ at least one identifier [(5)] to be arranged in connection with a borehole [(2)] under examination,

and wherein the identifier [(5)] includes machine-readable information, [[and]]

and wherein the system is arranged to link the stored information and the borehole [(2)] under examination together by means of information read from the identifier [(5)].

Claim 8 (Currently Amended): An identifier for marking a borehole, the identifier [(5)] comprising:

a frame [(11)], [[and]]

means for fastening the identifier [(5)] in connection with the borehole [(2)],

~~characterized in that~~

~~the identifier (5) comprises~~ an elongated frame [(11)] which is at least partially insertable in the borehole [(2)], ~~and that~~

~~the identifier (5) comprises~~ and at least one machine-readable identification code.

Claim 9 (Currently Amended): An identifier as claimed in claim 8,
~~characterized in that~~ wherein the identifier $[(5)]$ comprises an elongated tubular frame
 $[(11)]$.

Claim 10 (Currently Amended): An identifier as claimed in claim 8 $[[\text{or } 9]]$,
~~characterized in that~~ the identifier $[(5)]$ comprises at least one memory element for
storing information.

Claim 11 (Currently Amended): An identifier as claimed in ~~any one of claims~~ claim 8 to
10, ~~characterized in that~~ wherein the identifier $[(5)]$ comprises a transceiver $[(14)]$
for establishing a data transmission connection between the identifier $[(5)]$ and at least one
external control unit $[(3)]$.

Claim 12 (Currently Amended): An identifier as claimed in ~~any one of claims~~ claim 8 to
11, ~~characterized in that~~ wherein the identification code is a visually readable character.